I. Amendments to the Specification

Please replace prior paragraph [0064] with the following amended paragraph:

[0064] During production, the introduced feedstock extracts a significant amount of heat from the screw 26' since the feedstock circumferentially surrounds the screw 26'. The barrel 12' temperature remains steady without the large thermal gradients through sections of the barrel 12' thickness as previously occurred. With the present construction, temperature gradients of less than 100°C are maintained through a wall section thickness of the barrel 12'. Additionally, as the feedstock moves longitudinally within the barrel 12' and the barrel 12' becomes heated, the thermal profile of the barrel 12' exhibits a greater temperature progressing toward the hot end or section of the barrel 12'. A significant amount of heat remains available in the barrel 12'.